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L14 120 S L13 AND (348?/CCLS OR 358?/CCLS OR 395?/CCLS)

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List p 1. 5,467,131, Nov. 14, 1995, Method and apparatus for fast digital signal decoding; Vasudev Bhaskaran, et al., 348/384, 390 [IMAGE AVAILABLE]

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(S 2. 5,461,679, Oct. 24, 1995, Method and apparatus for encoding/decoding image data; James O. Normile, et al., 382/304, 305; 395/163, 474, 650 [IMAGE AVAILABLE]

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Please 3. 5,461,422, Oct. 24, 1995, Quantizer with automatic pre-threshold; Hsun-Chang Hsieh, 348/405, 419; 358/261.1 [IMAGE AVAILABLE]

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4. 5,457,780, Oct. 10, 1995, System for producing a video-instruction set utilizing a real-time frame differential bit map and microblock subimages; Venson M. Shaw, et al., 395/165; 348/384, 400; 382/305 [IMAGE AVAILABLE]

5. 5,453,946, Sep. 26, 1995, DCT peripheral for a digital signal processor; Paul E. Cohen, 364/725 [IMAGE AVAILABLE]

Execut

6. 5,452,466, Sep. 19, 1995, Method and apparatus for performing DCT and IDCT transforms on data signals with a preprocessor, a post-processor, and a controllable shuffle-exchange unit connected between the pre-processor and post-processor; Gerhard Fettweis, 395/800; 364/260.4, 725, DIG.1, DIG.2 [IMAGE AVAILABLE]

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7. 5,452,378, Sep. 19, 1995, Image digitizer including pixel engine; B. Joshua Rosen, et al., 382/312; 358/445; 382/251 [IMAGE AVAILABLE]

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Pick a 8. 5,452,299, Sep. 19, 1995, Optimized transfer of large object data blocks in a teleconferencing system; Tyler R. Thessin, et al., 370/62; 379/158, 202 [IMAGE AVAILABLE]

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9. 5,450,599, Sep. 12, 1995, Sequential pipelined processing for the compression and decompression of image data; Thomas A. Horvath, et al., 395/800, 250 [IMAGE AVAILABLE]

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Retrie 10. 5,450,544, Sep. 12, 1995, Method and apparatus for data buffering and queue management of digital motion video signals; Doug Dixon, et al., 395/164; 345/202 [IMAGE AVAILABLE]

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11. 5,448,310, Sep. 5, 1995, Motion estimation coprocessor; Thomas G. Kopet, et al., 348/699, 718, 719; 382/197, 209 [IMAGE AVAILABLE]

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Model 15 NOV 95 17:04:03 U.S. Patent & Trademark Office P0022

Pick 12. 5,448,307, Sep. 5, 1995, System for combining multiple-format multiple-source video signals; Johan H. A. Gelissen, et al., 348/584, 598, 659 [IMAGE AVAILABLE]

Number (1) 13. 5,446,869, Aug. 29, 1995, Configuration and RAM/ROM control of PCI extension card residing on MCA adapter card; Russell S. Padgett, et al., (4) 395/500; 364/231, 232.7, 925.6, 927.81, 927.92, 929.2, 929.4, 929.5, DIG.1, (7) DIG.2 [IMAGE AVAILABLE] (10) (13) (16) 14. 5,446,560, Aug. 29, 1995, Method and apparatus for raster to block and (19) block to raster pixel conversion; Edward L. Schwartz, 358/445; 395/115 [IMAGE (22) AVAILABLE] (25) (28) 15. 5,444,552, Aug. 22, 1995, Method for compressing, processing, and storing grayscale bitmaps; Z. Erol Smith, III, 358/465, 462, 534 [IMAGE Please AVAILABLE]

List p 16. 5,444,482, Aug. 22, 1995, Digital electronic camera for selectively (P) recording a frame of still image and movie fields of image in a recording (D) medium; Takeshi Misawa, et al., 348/220, 231; 358/335 [IMAGE AVAILABLE] (S) 17. 5,442,747, Aug. 15, 1995, Flexible multiport multiformat burst buffer; (S) Steven S. Chan, et al., 395/164; 365/189.04, 230.05; 395/166 [IMAGE (S) AVAILABLE]

Please 18. 5,438,423, Aug. 1, 1995, Time warping for video viewing; Eugene F. (G) Lynch, et al., 358/335; 360/13, 33.1 [IMAGE AVAILABLE] (L) 19. 5,438,293, Aug. 1, 1995, Low power analog absolute differencing circuit and architecture; Roberto Guerrieri, et al., 327/355, 361; 395/21, 24 [IMAGE AVAILABLE]

Execut 20. 5,434,808, Jul. 18, 1995, Highly parallel discrete cosine transform engine; Paul E. Cohen, 364/725 [IMAGE AVAILABLE]

21. 5,432,900, Jul. 11, 1995, Integrated graphics and video computer display (S) system; Kenneth E. Rhodes, et al., 395/154; 345/118 [IMAGE AVAILABLE] (S) 22. 5,430,716, Jul. 4, 1995, Path hunt for efficient broadcast and multicast (S) connections in multi-stage switching fabrics; Robert L. Pawelski, 370/58.1, (C) 54, 58.2 [IMAGE AVAILABLE] (C) (R) 23. 5,430,684, Jul. 4, 1995, Memory system for processing digital video (A) signal; Young H. Kim, et al., 365/230.01, 189.01, 189.12, 222, 230.06, 230.08 (A) [IMAGE AVAILABLE]

Pick a 24. 5,428,567, Jun. 27, 1995, Memory structure to minimize (U) rounding/truncation errors for n-dimensional image transformation; Thomas A. (S) Horvath, et al., 364/725, 726, 745; 382/232, 276 [IMAGE AVAILABLE] (T) (A) (N) 25. 5,426,673, Jun. 20, 1995, Discrete cosine transform-based image coding and decoding method; Sanjit K. Mitra, et al., 375/241; 348/398 [IMAGE Retrie AVAILABLE]

Execut 26. 5,426,652, Jun. 20, 1995, Data reception technique; Arie Heiman, 371/30, 37.1 [IMAGE AVAILABLE]

27. 5,426,512, Jun. 20, 1995, Image data compression having minimum perceptual error; Andrew B. Watson, 358/426, 432, 433; 382/232 [IMAGE AVAILABLE]

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Model	15 NOV 95 17:04:14	U.S. Patent & Trademark Office	P0023
Pick	28. 5,420,638, May 30, 1995, Subassembly for coding images with refresh correction of the data to be coded, and subassembly for decoding signals representing these images and previously coded by means of a subassembly of the former kind; Philippe Riglet, et al., 348/409, 700 [IMAGE AVAILABLE]		
Number			
(1)			
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(7)	29. 5,416,604, May 16, 1995, Image compression method for bit-fixation and the apparatus therefor; Goo-man Park, 358/433; 348/384; 358/426 [IMAGE AVAILABLE]		
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(19)	30. 5,414,780, May 9, 1995, Method and apparatus for image data transformation; Shawn V. A. Carnahan, 382/276; 358/403; 382/232 [IMAGE AVAILABLE]		
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Please	31. 5,414,469, May 9, 1995, Motion video compression system with multiresolution features; Cesar A. Gonzales, et al., 348/408, 416 [IMAGE AVAILABLE]		
List	32. 5,410,352, Apr. 25, 1995, Image data compressing apparatus; Tohru Watanabe, 348/405, 395, 396, 423 [IMAGE AVAILABLE]		
(F)			
(D)	33. 5,408,470, Apr. 18, 1995, Deferred synchronization of distributed objects; Lewis V. Rothrock, et al., 370/62; 379/202 [IMAGE AVAILABLE]		
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(S)	34. 5,408,425, Apr. 18, 1995, Split-radix discrete cosine transform; Hsieh S. Hou, 364/725 [IMAGE AVAILABLE]		
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Please	35. 5,408,274, Apr. 18, 1995, Method and apparatus for compositing compressed video data; Shih-Fu Chang, et al., 348/700, 407, 584, 699 [IMAGE AVAILABLE]		
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	36. 5,404,437, Apr. 4, 1995, Mixing of computer graphics and animation sequences; Julien T. Nguyen, 395/152; 345/122; 395/153 [IMAGE AVAILABLE]		
Execut	37. 5,402,171, Mar. 28, 1995, Electronic still camera with improved picture resolution by image shifting in a parallelogram arrangement; Yoshitomo Tagami, et al., 348/219; 250/208.1; 348/279, 280; 455/344 [IMAGE AVAILABLE]		
(S)			
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(S)	38. 5,387,941, Feb. 7, 1995, Data with video transmitter; Gerald D. Montgomery, et al., 348/473, 486, 488, 549 [IMAGE AVAILABLE]		
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(R)	39. 5,386,300, Jan. 31, 1995, Picture processing system for a natural picture in a facsimile device; Sachiko Kitawaki, 358/426, 539 [IMAGE AVAILABLE]		
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Pick a	40. 5,381,145, Jan. 10, 1995, Method and apparatus for parallel decoding and encoding of data; James D. Allen, et al., 341/107, 51; 348/397; 358/426 [IMAGE AVAILABLE]		
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(T)	41. 5,379,351, Jan. 3, 1995, Video compression/decompression processing and processors; Jan Fandrianto, et al., 382/236; 358/432; 382/250 [IMAGE AVAILABLE]		
(A)			
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Retrie	42. 5,379,122, Jan. 3, 1995, Decompression of standard ADCT-compressed images; Reiner Eschbach, 358/426; 348/384; 358/433 [IMAGE AVAILABLE]		
Execut			
	43. 5,375,068, Dec. 20, 1994, Video teleconferencing for networked workstations; Ricky S. Palmer, et al., 364/514C; 370/62; 395/153 [IMAGE AVAILABLE]		
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Model	15 NOV 95 17:04:29 .	U.S. Patent & Trademark Office	P0024
Pick	44. 5,371,551, Dec. 6, 1994, Time delayed digital video system using concurrent recording and playback; James Logan, et al., 348/571, 714; 358/335; 360/10.1; 369/60 [IMAGE AVAILABLE]		
Number	(1)		
(4)	45. 5,367,341, Nov. 22, 1994, Digital video editor having lost video frame protection; Peter Schnorf, 348/616; 358/311; 360/14.2, 14.3 [IMAGE AVAILABLE]		
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(13)	46. 5,363,097, Nov. 8, 1994, Direct sequential-bit variable length decoder; Yung-Jung Jan, 341/67, 63 [IMAGE AVAILABLE]		
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(22)	47. 5,359,694, Oct. 25, 1994, Method and apparatus for converting image data; Gilles Concorde, 358/445, 433, 435; 382/276 [IMAGE AVAILABLE]		
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Please	48. 5,359,676, Oct. 25, 1994, Decompression of standard ADCT-compressed document images; Zhigang Fan, 382/246; 358/433; 382/260 [IMAGE AVAILABLE]		
	49. 5,351,046, Sep. 27, 1994, Method and system for compacting binary coded decimal data; Thomas A. Adcox, 341/62, 95 [IMAGE AVAILABLE]		
List			
(P)	50. 5,339,265, Aug. 16, 1994, Optimal unified architectures for the real-time computation of time-recursive discrete sinusoidal transforms; K. J. Ray Liu, et al., 364/725 [IMAGE AVAILABLE]		
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(S)	51. 5,337,049, Aug. 9, 1994, Efficient coding signal processor; Kenji Shimoda, 341/50; 348/390, 420 [IMAGE AVAILABLE]		
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(C)	52. 5,325,092, Jun. 28, 1994, Huffman decoder architecture for high speed operation and reduced memory; James Allen, et al., 341/65, 67 [IMAGE AVAILABLE]		
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	53. 5,321,750, Jun. 14, 1994, Restricted information distribution system apparatus and methods; Joseph S. Nadan, 380/20; 348/5.5, 476; 380/10 [IMAGE AVAILABLE]		
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(S)	54. 5,321,522, Jun. 14, 1994, ADCT compression with minimum compression ratio; Reiner Eschbach, 358/433; 348/384; 358/426, 444, 445 [IMAGE AVAILABLE]		
(S)			
(S)	55. 5,309,528, May 3, 1994, Image digitizer including pixel engine; B. Joshua Rosen, et al., 382/232; 358/445; 382/270, 312 [IMAGE AVAILABLE]		
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(R)	56. 5,305,400, Apr. 19, 1994, Method of encoding and decoding the video data of an image sequence; Bill Butera, 382/107; 348/415; 382/236 [IMAGE AVAILABLE]		
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Pick a	57. 5,293,228, Mar. 8, 1994, Method for the coding of color images at high compression rate without filtering, corresponding decoding method, coder, decoder and applications; Bernard Marti, 348/391, 472 [IMAGE AVAILABLE]		
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(A)	58. 5,289,577, Feb. 22, 1994, Process-pipeline architecture for image/video processing; Cesar A. Gonzales, et al., 395/163, 166 [IMAGE AVAILABLE]		
(N)			
Retrie	59. 5,289,190, Feb. 22, 1994, Recording/reproducing apparatus including control signal indicating high-efficiency coding; Kenji Shimoda, et al., 341/50; 348/384, 441; 369/84 [IMAGE AVAILABLE]		
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	60. 5,287,420, Feb. 15, 1994, Method for image compression on a personal computer; Peter T. Barrett, 382/233; 348/384; 364/715.02; 382/235 [IMAGE AVAILABLE]		
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Pick	61. 5,283,646, Feb. 1, 1994, Quantizer control method and apparatus; John E. Bruder, 348/415; 341/76, 77; 348/420; 358/429; 375/245 [IMAGE AVAILABLE]									
Number	62. 5,272,535, Dec. 21, 1993, Image sensor with exposure control, selectable									
(1)	interlaced, pseudo interlaced or non-interlaced readout and video									
(4)	compression; Hammam Elabd, 348/314, 317, 322 [IMAGE AVAILABLE]									
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(13)	63. 5,267,334, Nov. 30, 1993, Encoding/decoding moving images with forward									
(16)	and backward keyframes for forward and reverse display; James O. Normille, et									
(19)	al., 382/236; 348/401, 409; 382/239 [IMAGE AVAILABLE]									
(22)										
(25)	64. 5,267,021, Nov. 30, 1993, Multiresolution digital television broadcast									
(28)	system; Kannan Ramchandran, et al., 348/469, 723 [IMAGE AVAILABLE]									
Please	65. 5,262,875, Nov. 16, 1993, Audio/video file server including									
	decompression/playback means; Earl I. Mincer, et al., 358/335; 348/6 [IMAGE									
	AVAILABLE]									
List p	66. 5,253,053, Oct. 12, 1993, Variable length decoding using lookup tables;									
(F	Ke-Chiang Chu, et al., 348/384; 382/233 [IMAGE AVAILABLE]									
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(S	67. 5,243,428, Sep. 7, 1993, Method and apparatus for concealing errors in a									
(S	digital television; Kiran S. Challapali, et al., 348/607, 603, 610; 371/31									
(S	[IMAGE AVAILABLE]									
Please	68. 5,237,413, Aug. 17, 1993, Motion filter for digital television system;									
(C	Paul D. Israelsen, et al., 348/700, 384, 607 [IMAGE AVAILABLE]									
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	69. 5,228,098, Jul. 13, 1993, Adaptive spatio-temporal									
	compression/decompression of video image signals; Regis J. Crinon, et al.,									
	382/240 [IMAGE AVAILABLE]									
Execut	70. 5,220,325, Jun. 15, 1993, Hierarchical variable length decoder for									
(S	digital video data; Bryan D. Ackland, et al., 341/67, 59, 106 [IMAGE									
(S	AVAILABLE]									
(S	71. 5,216,712, Jun. 1, 1993, Recording apparatus; Kenji Shimoda, et al.,									
(C	380/4; 348/405; 360/60; 380/3, 23 [IMAGE AVAILABLE]									
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(R	72. 5,212,742, May 18, 1993, Method and apparatus for encoding/decoding									
(A	image data; James O. Normille, et al., 382/166, 234 [IMAGE AVAILABLE]									
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(U	S. Wallace, et al., 348/384, 424; 370/69.1 [IMAGE AVAILABLE]									
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(T	74. 5,168,375, Dec. 1, 1992, Image reconstruction by use of discrete cosine									
(A	and related transforms; Michael L. Reisch, et al., 358/432; 348/403 [IMAGE									
(N	AVAILABLE]									
Retrie	75. 5,157,488, Oct. 20, 1992, Adaptive quantization within the [IPEC									
Execut	sequential mode; William B. Pennebaker, 348/405, 404 [IMAGE AVAILABLE]									
	76. 5,138,459, Aug. 11, 1992, Electronic still video camera with direct									
	personal computer (PC) compatible digital format output; Marc K. Roberts, et									
	al., 348/232, 233 [IMAGE AVAILABLE]									
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Number	2. 5,440,404, Aug. 8, 1995, Image signal compression apparatus and method using variable length encoding; Ichiro Okamoto, 358/432; 341/67; 358/261.1, 426, 427 [IMAGE AVAILABLE]		
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(13)	3. 5,434,623, Jul. 18, 1995, Method and apparatus for image data compression using combined luminance/chrominance coding; Charles H. Coleman, et al., 348/405, 27 [IMAGE AVAILABLE]		
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Please	5. 5,408,328, Apr. 18, 1995, Compressed image virtual editing system; Martin P. Boliek, et al., 358/261.4, 433, 452, 453 [IMAGE AVAILABLE]		
	6. 5,367,341, Nov. 22, 1994, Digital video editor having lost video frame protection; Peter Schnorf, 348/616; 358/311; 360/14.2, 14.3 [IMAGE AVAILABLE]		
List p	7. 5,327,248, Jul. 5, 1994, Compressed image virtual editing system; Robert F. Miller, et al., 358/261.4; 348/415, 416; 358/432, 433, 452, 453; 382/233 [IMAGE AVAILABLE]		
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	9. 5,315,326, May 24, 1994, Efficient coding/decoding apparatuses for processing digital image signal; Kenji Sugiyama, 348/415, 409, 416 [IMAGE AVAILABLE]		
	10. 5,305,438, Apr. 19, 1994, Video storage, processing, and distribution system using recording format independent hierarchical storages and processors; Michael T. MacKay, et al., 395/164; 358/310; 360/9.1, 14.1, 33.1, 134; 395/449 [IMAGE AVAILABLE]		
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										5. 5,457,495, Oct. 10, 1995, Adaptive video coder with dynamic bit allocation; John Hartung, 348/414, 12, 15, 417, 418 [IMAGE AVAILABLE]																																																																																																			
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										6. 5,455,629, Oct. 3, 1995, Apparatus for concealing errors in a digital video processing system; Huifang Sun, et al., 348/466, 402, 420, 426 [IMAGE AVAILABLE]																																																																																																			
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Pick 7. 5,453,790, Sep. 26, 1995, Video **decoder** having asynchronous operation with respect to a video display; Christophe D. G. Vermeulen, et al., **348/410**, **382** [IMAGE AVAILABLE]

Number (1) 8. 5,453,789, Sep. 26, 1995, Moving-**image** signal **encoding** apparatus;

(4) Yutaka Machida, et al., **348/400**, **401**, **420** [IMAGE AVAILABLE]

(7)

(10) 9. 5,452,104, Sep. 19, 1995, Adaptive block size **image** compression method

(13) and system; Chong U. Lee, **358/433**; **348/404**; **358/261.2** [IMAGE AVAILABLE]

(16)

(19) 10. 5,448,297, Sep. 5, 1995, Method and system for **encoding** images using

(22) skip blocks; Adnan Alattar, et al., **348/413**, **396**, **420** [IMAGE AVAILABLE]

(25)

(28) 11. 5,442,400, Aug. 15, 1995, Error concealment apparatus for MPEG-like

video data; Huifang Sun, et al., **348/402**, **409**, **413**, **416** [IMAGE AVAILABLE]

Please 12. 5,440,346, Aug. 8, 1995, Mode selection for method and system for

encoding images; Adnan Alattar, et al., **348/420**, **397**, **416** [IMAGE AVAILABLE]

List p 13. 5,432,554, Jul. 11, 1995, Method and apparatus for **decoding** images

(F) using a specified data format; Brian Nickerson, et al., **348/391**, **396**

(D) [IMAGE AVAILABLE]

(S)

(S) 14. 5,428,393, Jun. 27, 1995, Moving **image** processing method and

(S) apparatus; Miyuki Enokida, **348/390**, **402**; **358/335**; 360/15 [IMAGE AVAILABLE]

Please 15. 5,426,673, Jun. 20, 1995, Discrete cosine transform-based **image** coding

(C) and **decoding** method; Sanjit K. Mitra, et al., 375/241; **348/398** [IMAGE

(L) AVAILABLE]

16. 5,418,620, May 23, 1995, Video signals recorder and player including

interframe calculating means; Masakazu Nishino, et al., **358/335**, **342**

[IMAGE AVAILABLE]

Execut 17. 5,404,160, Apr. 4, 1995, System and method for identifying a television

program; Gary W. Schober, et al., **348/1**, **461**, **473**; 455/2 [IMAGE AVAILABLE]

(S)

(S) 18. 5,400,075, Mar. 21, 1995, Adaptive variable length **encoder/decoder**;

(S) Tristan Savatier, **348/384**; 341/67; **348/390**, **400**, **404**; 375/241 [IMAGE

(C) AVAILABLE]

(C)

(R) 19. 5,398,068, Mar. 14, 1995, Method and apparatus for determining motion

(A) vectors for **image** sequences; Bede Liu, et al., **348/416**, **699** [IMAGE AVAILABLE]

(A)

Pick a 20. 5,394,249, Feb. 28, 1995, Multisystem adaptable type signal processing

(U) and recording/reproducing apparatus; Kenji Shimoda, et al., **358/335**;

(S) **348/384**, **390**; 360/32, 33.1 [IMAGE AVAILABLE]

(T)

(A) 21. 5,392,072, Feb. 21, 1995, Hybrid video compression system and method

(N) capable of software-only decompression in selected multimedia systems; Arturo

A. Rodriguez, et al., **348/403**, **384**, **396**, **419**, **420** [IMAGE AVAILABLE]

Retrie 22. 5,389,965, Feb. 14, 1995, Video telephone station having variable

image clarity; Andrew J. Kuzma, **348/14**, **17**, **19** [IMAGE AVAILABLE]

Execut 23. 5,387,938, Feb. 7, 1995, Adaptive **interframe/intraframe** block coding

method and apparatus; Hideki Fukuda, et al., **348/420** [IMAGE AVAILABLE]

24. 5,386,232, Jan. 31, 1995, Method and apparatus for **encoding** images

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	using a specified data format; Stuart Golin, et al., 348/391, 396, 467									
	[IMAGE AVAILABLE]									
Number										
(1)	25. 5,379,356, Jan. 3, 1995, Decompression processor for video applications;									
(4)	Stephen C. Purcell, et al., 382/233; 348/416; 382/236, 250 [IMAGE AVAILABLE]									
(7)										
(10)	26. 5,376,968, Dec. 27, 1994, Adaptive compression of digital video data									
(13)	using different modes such as PCM and DPCM; Allen Wu, et al., 348/413,									
(16)	402 [IMAGE AVAILABLE]									
(19)										
(22)	27. 5,371,547, Dec. 6, 1994, Apparatus for excising (and reinserting)									
(25)	specific data from a compressed video data stream to reduce its transmission									
(28)	bandwidth; Robert J. Siracusa, et al., 348/426, 384, 409; 370/94.1;									
	375/240 [IMAGE AVAILABLE]									
Please										
	28. 5,367,385, Nov. 22, 1994, Method and apparatus for processing block									
	coded image data to reduce boundary artifacts between adjacent image									
	blocks; Xiancheng Yuan, 358/465; 348/420; 358/432 [IMAGE AVAILABLE]									
List										
(P)	29. 5,365,272, Nov. 15, 1994, Method for formatting compressed video data									
(D)	into transport cells; Robert J. Siracusa, 348/426, 384, 409; 370/49.5,									
(S)	99; 371/69.1; 375/285 [IMAGE AVAILABLE]									
(S)										
(S)	30. 5,361,096, Nov. 1, 1994, Method and apparatus for multiplex transmission									
	of video signals in a plurality of channels with refresh control utilizing									
Please	intraframe coding; Junichi Ohki, et al., 348/387, 415, 419 [IMAGE AVAILABLE]									
(G)										
(L)	31. 5,359,365, Oct. 25, 1994, Moving image processing method and									
	apparatus; Miyuki Enokida, 348/390; 358/335; 360/15 [IMAGE AVAILABLE]									
	32. 5,353,062, Oct. 4, 1994, Method and apparatus for decoding moving									
	images encoded by inter-frame prediction and displaying it; Mitsuru Maeda,									
	348/412, 409 [IMAGE AVAILABLE]									
Execut										
(S)	33. 5,351,085, Sep. 27, 1994, Method and system for generating compressed									
(S)	image signals; Rohan Coelho, et al., 348/391, 396 [IMAGE AVAILABLE]									
(S)										
(S)	34. 5,345,268, Sep. 6, 1994, Standard screen image and wide screen image									
(C)	selective receiving and encoding apparatus; Toyohiko Matsuta, et al.,									
(C)	348/384, 390, 394, 395, 400 [IMAGE AVAILABLE]									
(R)										
(A)	35. 5,341,318, Aug. 23, 1994, System for compression and decompression of									
(A)	video data using discrete cosine transform and coding techniques; Alexandre									
	Balkanski, et al., 364/725; 358/427; 364/715.02 [IMAGE AVAILABLE]									
Pick a										
(U)	36. 5,337,085, Aug. 9, 1994, Coding technique for high definition television									
(S)	signals; Lin-Nan Lee, et al., 348/398, 402, 410, 414, 416, 417									
(T)	[IMAGE AVAILABLE]									
(A)										
(N)	37. 5,315,326, May 24, 1994, Efficient coding/decoding apparatuses for									
	processing digital image signal; Kenji Sugiyama, 348/415, 409, 416									
Retrie	[IMAGE AVAILABLE]									
Execut										
	38. 5,311,310, May 10, 1994, High efficiency coder and method employing									
	overlapped motion compensation and perfect reconstruction filter banks;									
	Hirohisa Jozawa, et al., 348/416, 607, 699 [IMAGE AVAILABLE]									
	39. 5,299,019, Mar. 29, 1994, Image signal band compressing system for									
	digital video tape recorder; Seung K. Pack, et al., 358/261.3; 348/405,									
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Pick	413, 416; 358/261.2, 432, 433, 530, 539; 382/236, 250 [IMAGE AVAILABLE]		
Number	40. 5,291,283, Mar. 1, 1994, <u>Decoding</u> apparatus of a compressed digital video signal; Tetsujiro Kondo, et al., 348/390, 415 [IMAGE AVAILABLE]		
(1)			
(4)	41. 5,289,276, Feb. 22, 1994, Method and apparatus for conveying compressed video data over a noisy communication channel; Robert J. Siracusa, et al., 348/469, 382, 426, 473; 371/69.1; 375/285 [IMAGE AVAILABLE]		
(7)			
(10)			
(13)			
(16)	42. 5,283,646, Feb. 1, 1994, Quantizer control method and apparatus; John E. Bruder, 348/415; 341/76, 77; 348/420; 358/429; 375/245 [IMAGE AVAILABLE]		
(19)			
(22)			
(25)	43. 5,276,525, Jan. 4, 1994, Two-dimensional block scanning for subband <u>image</u> and video coding; Hamid Gharavi, 358/261.1; 348/398; 358/261.3, 426, 432 [IMAGE AVAILABLE]		
(28)			
Please	44. 5,270,832, Dec. 14, 1993, System for compression and decompression of video data using discrete cosine transform and coding techniques; Alexandre Balkanski, et al., 358/432, 426, 433, 479 [IMAGE AVAILABLE]		
List			
(P)	45. 5,267,334, Nov. 30, 1993, <u>Encoding/Decoding</u> moving images with forward and backward keyframes for forward and reverse display; James O. Normille, et al., 382/236; 348/401, 409; 382/239 [IMAGE AVAILABLE]		
(D)			
(S)			
(S)	46. 5,262,854, Nov. 16, 1993, Lower resolution HDTV receivers; Sheau-Bao Ng, 348/420, 416, 699 [IMAGE AVAILABLE]		
(S)			
Please	47. 5,253,058, Oct. 12, 1993, Efficient coding scheme for multilevel video transmission; Hamid Gharavi, 348/415, 409 [IMAGE AVAILABLE]		
(C)			
(L)	48. 5,247,363, Sep. 21, 1993, Error concealment apparatus for HDTV receivers; Huifang Sun, et al., 348/616, 607, 700; 358/336 [IMAGE AVAILABLE]		
Execut	49. 5,245,428, Sep. 14, 1993, Television system for transmitting picture signals in a digital format; Peter H. N. De With, et al., 348/420, 473; 358/335 [IMAGE AVAILABLE]		
(S)			
(S)	50. 5,243,428, Sep. 7, 1993, Method and apparatus for concealing errors in a digital television; Kiran S. Challapali, et al., 348/607, 603, 610; 371/31 [IMAGE AVAILABLE]		
(S)			
(C)			
(C)	51. 5,241,382, Aug. 31, 1993, Digital HDTV data packet format and receiver therefor; Woo H. Paik, et al., 348/426, 472 [IMAGE AVAILABLE]		
(R)			
(A)			
(A)	52. 5,235,420, Aug. 10, 1993, Multilayer universal video coder; Hamid Gharavi, 348/398, 400, 409 [IMAGE AVAILABLE]		
Pick a			
(U)	53. 5,235,419, Aug. 10, 1993, Adaptive motion compensation using a plurality of motion compensators; Edward A. Krause, 348/416, 700 [IMAGE AVAILABLE]		
(S)			
(T)	54. 5,231,384, Jul. 27, 1993, Apparatus for splitting video signal between two channels; Joseph Kuriacose, 348/426, 388, 409, 415 [IMAGE AVAILABLE]		
(A)			
(N)			
Retrie	55. 5,228,028, Jul. 13, 1993, System including packet structure and devices for transmitting and processing output information from a signal <u>encoder</u> ; Silvio Cucchi, et al., 370/94.1; 348/402; 360/48; 371/31 [IMAGE AVAILABLE]		
Execut	56. 5,214,507, May 25, 1993, Video signal quantization for an MPEG like coding environment; Rangarajan Aravind, et al., 348/390, 415; 382/239		
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57. 5,212,549, May 18, 1993, Error concealment apparatus for a compressed video signal processing system; Sheau-Bao Ng, et al., 348/409 [IMAGE AVAILABLE]

58. 5,210,605, May 11, 1993, Method and apparatus for determining motion vectors for image sequences; Andre Zaccarin, et al., 348/416, 699 [IMAGE AVAILABLE]

59. 5,208,665, May 4, 1993, Presentation player for an interactive digital communication system; Karl W. McCalley, et al., 348/12; 455/5.1 [IMAGE AVAILABLE]

60. 5,198,900, Mar. 30, 1993, Video signal encoding apparatus; Ikuo Tsukagoshi, 348/415, 384 [IMAGE AVAILABLE]

61. 5,196,946, Mar. 23, 1993, System for compression and decompression of video data using discrete cosine transform and coding techniques; Alexandre Balkanski, et al., 358/433, 127; 382/166, 277 [IMAGE AVAILABLE]

62. 5,193,002, Mar. 9, 1993, Apparatus for the coding/decoding of image signals; Jacques Guichard, et al., 348/415, 409; 358/261.3 [IMAGE AVAILABLE]

63. 5,191,436, Mar. 2, 1993, Method for recording coded motion picture data; Jun Yonemitsu, 358/335, 311, 313; 360/14.1 [IMAGE AVAILABLE]

64. 5,191,414, Mar. 2, 1993, Interfield predictive encoder and decoder for reproducing a signal subjected to predictive encoding by encoder into an image signal; Kenji Sugiyama, 348/415, 409 [IMAGE AVAILABLE]

65. 5,191,410, Mar. 2, 1993, Interactive multimedia presentation and communications system; Karl W. McCalley, et al., 348/13; 379/105 [IMAGE AVAILABLE]

66. 5,185,819, Feb. 9, 1993, Video signal compression apparatus for independently compressing odd and even fields; Sheau-Bau Ng, et al., 382/234; 348/409, 112; 382/233 [IMAGE AVAILABLE]

67. 5,155,593, Oct. 13, 1992, Video signal coding method; Jun Yonemitsu, et al., 348/413, 111 [IMAGE AVAILABLE]

68. 5,150,432, Sep. 22, 1992, Apparatus for encoding/decoding video signals to improve quality of a specific region; Hideyuki Ueno, et al., 382/250; 348/438, 576; 382/171 [IMAGE AVAILABLE]

69. 5,146,325, Sep. 8, 1992, Video signal decompression apparatus for independently compressed even and odd field data; Sheau-Bao Ng, 348/384, 139 [IMAGE AVAILABLE]

70. 5,144,425, Sep. 1, 1992, Apparatus for hierarchically dividing video signals; Kuriacose Joseph, 348/419, 408 [IMAGE AVAILABLE]

71. 5,140,437, Aug. 18, 1992, Recording/reproducing compressed data on a rotatable record medium in which at least one intraframe code signal and at least (n-1) interframe code signals are recorded in each track; Jun Yonemitsu, et al., 358/342; 348/415; 358/335; 360/32, 33.1 [IMAGE AVAILABLE]

72. 5,136,371, Aug. 4, 1992, Digital image coding using random scanning; 17:08:15 COPY AND CLEAR PAGE, PLEASE

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 Tristan Savatier, et al., 348/419, 409; 358/261.3, 426; 364/725
 Pick [IMAGE AVAILABLE]

Number 73. 5,134,476, Jul. 28, 1992, Video signal **encoding** with bit rate control;
 (1) Rangarajan Aravind, et al., 348/415, 390 [IMAGE AVAILABLE]
 (4)
 (7) 74. 5,122,875, Jun. 16, 1992, An HDTV compression system; Dipankar
 (10) Raychaudhuri, et al., 348/390, 423; 370/110.1; 375/241, 253 [IMAGE AVAILABLE]
 (13)
 (16) 75. 5,122,868, Jun. 16, 1992, Side panel signal processor for a widescreen
 (19) television system; Michael A. Isnardi, 348/584, 904 [IMAGE AVAILABLE]
 (22)
 (25) 76. 5,117,288, May 26, 1992, Method of **decoding** coded **image** data
 (28) utilizing transmission error detection to interrupt **decoding** and up-dating;
 Volker Eisenhardt, et al., 348/409, 607 [IMAGE AVAILABLE]

Please 77. 5,115,301, May 19, 1992, Apparatus for eliminating a motion artifact in
 a widescreen television signal; Robert N. Hurst, Jr., 348/469, 904 [IMAGE
 AVAILABLE]

List p 78. 5,113,496, May 12, 1992, Bus interconnection structure with redundancy
 (P) linking plurality of groups of processors, with servers for each group
 (D) mounted on chassis; Karl W. McCalley, et al., 395/306; 340/825.03, 827;
 (S) 364/222.2, 222.3, 227.1, 228.3, 229, 229.5, 236.2, 237.2, 237.3, 237.8, 238,
 (S) 238.3, 239, 239.8, 239.9, 240, 240.2, 241.9, 242.4, 242.94, 242.96, 248.1,
 (S) 260, 260.2, 263.1, 268, 268.3, 268.7, 268.9, 271, 271.4, 282.1, 284, 284.2,
 Please 284.3, 919, 931.43, 940.68, DIG.1; 395/182.02 [IMAGE AVAILABLE]
 (C)
 (L) 79. 5,107,345, Apr. 21, 1992, Adaptive block size **image** compression method
 and system; Chong U. Lee, 358/432; 348/403, 420; 358/261.1, 261.4,
 433; 382/250 [IMAGE AVAILABLE]

80. 5,067,015, Nov. 19, 1991, Method of processing video **image** data for
 use in the storage or transmission of moving digital images; Brian L.
 Execut Combridge, et al., 348/398, 413, 421 [IMAGE AVAILABLE]

81. 5,057,918, Oct. 15, 1991, Arrangement for **encoding** two-dimensional
 (S) information, grouped in periodical information clusters using motion vector
 (S) processing in a hybrid DPCM **encoder**; Pascal Denoyelle, et al., 348/402
 (C) [IMAGE AVAILABLE]
 (C)
 (R) 82. 5,055,927, Oct. 8, 1991, Dual channel video signal transmission system;
 (A) Heinz-Werner Keesen, et al., 348/389, 437 [IMAGE AVAILABLE]
 (A)

Pick a 83. 5,055,916, Oct. 8, 1991, Chrominance **encoding** for a widescreen
 (U) television system; Charles B. Dieterich, 348/433, 436 [IMAGE AVAILABLE]
 (S)
 (S) 84. 5,049,991, Sep. 17, 1991, Movement compensation predictive
 (T) coding/**decoding** method; Takami Niihara, 348/416 [IMAGE AVAILABLE]
 (A)
 (N) 85. 5,021,891, Jun. 4, 1991, Adaptive block size **image** compression method
 and system; Chong U. Lee, 358/432, 433; 382/250 [IMAGE AVAILABLE]

Retrie 86. 5,014,267, May 7, 1991, Video conferencing network; E. Neal Tompkins, et
 Execut al., 370/62; 395/200.04 [IMAGE AVAILABLE]

87. 5,010,401, Apr. 23, 1991, Picture coding and **decoding** apparatus using
 vector quantization; Tokumichi Murakami, et al., 348/417 [IMAGE AVAILABLE]

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Pick	88. 5,001,561, Mar. 19, 1991, Embedded coding system for video signals; Barin G. Haskell, et al., 348/400, 407; 364/725 [IMAGE AVAILABLE]		
Number	89. 5,001,559, Mar. 19, 1991, Transform coding using coefficient prediction techniques; Cesar A. Gonzales, et al., 348/400 [IMAGE AVAILABLE]		
(1)			
(4)			
(7)	90. 4,999,705, Mar. 12, 1991, Three dimensional motion compensated video coding; Atul Puri, 348/412 [IMAGE AVAILABLE]		
(10)			
(13)			
(16)	91. 4,999,704, Mar. 12, 1991, System for efficiently coding a moving-picture signal, capable of selecting several different coding systems; Ichiro Ando, 348/401 [IMAGE AVAILABLE]		
(19)			
(22)			
(25)			
(28)	92. 4,987,490, Jan. 22, 1991, Decoding device capable of forwardly and backwardly reproducing pictures with a high quality; Mutsumi Ohta, 348/415 [IMAGE AVAILABLE]		
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	93. 4,969,040, Nov. 6, 1990, Apparatus and method for differential sub-band coding of video signals; Hamid Gharavi, 348/398, 415, 419 [IMAGE AVAILABLE]		
List p			
(P	94. 4,942,467, Jul. 17, 1990, Predictor controlled encoder for digital transmission systems; Harvey Waldman, et al., 348/412 [IMAGE AVAILABLE]		
(D			
(S			
(S	95. 4,931,879, Jun. 5, 1990, Image processing system for recording or reproducing an image signal sequence which has been encoded by employing two predictive coding methods and combining the results of those methods; Toshio Koga, et al., 358/335; 348/412; 358/430 [IMAGE AVAILABLE]		
(S			
Please			
(C			
(L	96. 4,924,311, May 8, 1990, Dual-mode teleconferencing system; Jun'ichi Ohki, et al., 348/408 [IMAGE AVAILABLE]		
	97. 4,903,124, Feb. 20, 1990, Image information signal transmission apparatus; Nobuhiro Hoshi, et al., 348/422 [IMAGE AVAILABLE]		
Execut			
(S	98. 4,888,641, Dec. 19, 1989, Extended definition widescreen television system using plural signal transmission channels; Michael A. Isnardi, et al., 348/389 [IMAGE AVAILABLE]		
(S			
(S	99. 4,858,005, Aug. 15, 1989, System for encoding broadcast quality television signals to enable transmission as an embedded code; Nicolas K. Lodge, 348/415 [IMAGE AVAILABLE]		
(C			
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(R			
(A	100. 4,845,562, Jul. 4, 1989, Widescreen television reception and recording system utilizing conventional equipment; Joshua L. Koslov, et al., 358/335; 348/445 [IMAGE AVAILABLE]		
(A			
Pick a			
(U	101. 4,827,336, May 2, 1989, Symbol code generation processing from interframe DPCM of TDM'd spatial-frequency analyses of video signals; Alfonse A. Acampora, et al., 348/396 [IMAGE AVAILABLE]		
(S			
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(N	102. 4,825,285, Apr. 25, 1989, Hybrid encoder; Joachim Speidel, et al., 348/401; 364/725; 375/245; 382/248, 264 [IMAGE AVAILABLE]		
Retrie			
Execut	103. 4,792,851, Dec. 20, 1988, Method and apparatus for coding motion image signal; Takashi Mochizuki, 348/402 [IMAGE AVAILABLE]		
	104. 4,780,760, Oct. 25, 1988, DPCM system with interframe motion indicator signal; Harvey Waldman, et al., 348/397, 412, 419 [IMAGE AVAILABLE]		
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Pick	105.	4,734,767, Mar. 29, 1988, Encoder capable of faithfully and adaptively encoding a moving image ; Masahide Kaneko, et al., 348/400 [IMAGE AVAILABLE]	
Number	(1)	106.	4,723,161, Feb. 2, 1988, Method and arrangement of coding digital
	(4)	image signals utilizing inter-frame correlation; Toshio Koga, 348/402	
	(7)	[IMAGE AVAILABLE]	
	(10)		
	(13)	107.	4,722,002, Jan. 26, 1988, Method and apparatus for
	(16)	encoding/decoding image signal; Takashi Mochizuki, et al., 348/384 ;	
	(19)	375/248 [IMAGE AVAILABLE]	
	(22)		
	(25)	108.	4,710,917, Dec. 1, 1987, Video conferencing network; E. Neal Tompkins,
	(28)	et al., 370/62; 348/415 ; 379/202; 395/200.04 , 200.12 , 311 [IMAGE AVAILABLE]	
Please	109.	4,710,813, Dec. 1, 1987, Low bandwidth video teleconferencing system and method; Robert H. Wallis, et al., 348/416 [IMAGE AVAILABLE]	
List p	110.	4,710,812, Dec. 1, 1987, Interframe adaptive vector quantization encoding apparatus and video encoding transmission apparatus; Tokumichi Murakami, et al., 348/417 [IMAGE AVAILABLE]	
(P			
(D			
(S	111.	4,704,628, Nov. 3, 1987, Combined intraframe and interframe	
(S	transform coding system; Wen-hsiung Chen, et al., 348/400 ; 375/244 [IMAGE		
(S	AVAILABLE]		
Please	112.	4,698,672, Oct. 6, 1987, Coding system for reducing redundancy; Wen-hsiung Chen, et al., 348/415 ; 358/261.2 ; 375/246 [IMAGE AVAILABLE]	
(C			
(L			
	113.	4,689,671, Aug. 25, 1987, Coding apparatus for moving object image ; Junichi Ohki, et al., 348/416 ; 375/246 [IMAGE AVAILABLE]	
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